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**Long Eaton  
Urban District Council.**

**ANNUAL REPORT**

OF THE

**Medical Officer of Health**

WITH THAT OF THE

**Sanitary Inspector.**

**For the Year  
1946.**





Annual Report

OF

The Medical Officer of Health

WITH THAT OF

The Sanitary Inspector

1946



LONG EATON :  
HASSALL & LUCKING, LTD., PRINTERS CROSS STREET (TEL. 292).

# Long Eaton Urban District Council.

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## PUBLIC HEALTH COMMITTEE

MR. COUNCILLOR A. H. STAPLES (Chairman)

The Chairman of the Council  
MR. COUNCILLOR A. E. WIGGINTON

The Vice-Chairman of the Council, MR. COUNCILLOR J. DREW

MR. COUN. J. C. AUSTIN	MR. COUN. F. H. HARDISTY
„ „ E. W. BANKS	„ „ L. PATTISON
„ „ W. E. CRISP	„ „ G. E. STEVENSON
„ „ B. H. CUNNIFFE	„ „ R. STILLEY
„ „ L. T. DAVYS	„ „ F. TEBBUTT

*Representatives on the Shardlow Joint Hospital Board :*

MR. COUN. W. E. CRISP	MR. COUN. J. DREW
„ „ J. R. DAVIS	„ „ E. W. ROPER

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## PUBLIC HEALTH STAFF

*Medical Officer of Health :*

*a b* JOHN MOIR, M.A., M.B., Ch.B.

Mem. Royal San. Inst. Fellow Royal Inst. Public Health

*Chief Sanitary Inspector and Cleansing Superintendent :*

*b* THOMAS WM. WALTON, M.R.San.I., M.S.I.A.

Certif. Insp. of Meat and Foods

*Clerks :*

G. A. SMITH (Seconded to Ministry of Food)

C. WHITE (With H.M. Forces)

Cert. S.I.B.

(Returned May, 1946)

*Temporary Clerks :*

MRS. M. A. ENGLAND  
(Left June, 1946)

MISS M. Y. POPPITT

*Meadow Lane Smallpox Hospital :*

Matron : MRS. E. E. JENNINGS

*a* Part-time Appointment. *b* Salaries contributed to under Public Health Act

LONG EATON URBAN DISTRICT COUNCIL.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1946.

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MR. CHAIRMAN AND GENTLEMEN,

It gives me great pleasure to present for the year 1946 my twenty-fifth Annual Report.

In my last report I mentioned that it behoved us all to face the future with courage and faith, and, it becomes more impressed upon me as the months roll by that these are the two qualities that are most needed for our world wide problems of want and confusion. So too the future demands the exercise of that most valuable of virtues—patience. With these attributes, the inhabitants of this country will win through and set an example of moderation and policy which shall be an example to a world sorely perplexed through lending a too ready ear to extreme opinions based upon half-baked theory.

Returning to our own circumscribed locality, there is nothing of outstanding notability except that it is gratifying to find an increase in the birth rate and a decrease in the infant mortality. It is to be

hoped that these young people, for whom we hold a tremendous responsibility, will find life still holding some adventure with free expression of opinion so that the spirit of man can expand and find satisfaction in the great truths.

I would stress the importance of Diphtheria Immunisation. The effectiveness of these preventive measures is evident throughout the whole country.

Unfortunately there is an increase in the number of Tuberculosis cases. It is quite likely that these are part and parcel of the aftermath of war and the present difficult times especially with regard to feeding, viz.: the shortage of fats, aggravated by the modern tendency of keeping late hours in vitiated atmospheres.

I am, Gentlemen,

Your obedient servant,

JOHN MOIR,

*Medical Officer of Health*

## STATISTICAL SUMMARY AND SOCIAL CONDITIONS FOR 1946.

Area—Land 3,425·955 acres	)					
Water 131·045 acres	)	..	..	..	3557 acres	
Elevation of District	..	..	..	..	..89—147 O.D.	
Population (Census, 1931)	..	..	..	..	22,340	
Population, 1946 (Registrar General)	..	..	..	..	27,190	
Density of Population per acre	..	..	..	..	7·64	
Number of Inhabited Houses, 1946	..	..	..	..	8,083	
Rateable Value, Year ended 31st March, 1947	..	..	..	..	£169,937	
Approx. sum represented by a Penny Rate	..	..	..	..	£673 15 10	
Rates levied—General	..	..	..	..	..14 6 in the £	

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## SOCIAL CONDITIONS

Births	Legitimate	..	253 M.,	239 F. = 492	)	
	Illegitimate	..	24 M.,	13 F. = 37	)	529
Birth Rate	..	..	..	..	..	19·45
Still Births	Legitimate	..	4 M.,	3 F. = 7	)	
	Illegitimate	..	1 M.,	0 F. = 1	)	8
Deaths (148 M., 149 F.)	..	..	..	..	..	297
Death Rate	..	..	..	..	..	10·92
Number of women dying in, or in consequence of, childbirth		)	From Sepsis	..		Nil
		)	From other causes	..		1
Deaths of Infants under 1 year of age, per 1000 Live births :						
	Legitimate	..	12 M.,	10 F. =	)	
	Illegitimate	..	1 M.,	1 F. =	)	
			Total	24	Rate	46·06



TABLE I.

INFANTILE MORTALITY DURING THE YEAR, 1946.

Causes of Death	Under 1 week	1 to 2 weeks	2-3 weeks	3-4 weeks	Total under 4 wks.	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
Prematurity .. ..	10	—	1	—	11	—	—	—	—	11
Pulm. Atelectasis ..	2	—	—	—	2	—	—	—	—	2
Spina Bifida .. ..	—	1	—	—	1	—	—	—	—	1
Cervical Meningocele	1	—	—	—	1	—	—	—	—	1
Vomiting .. ..	—	1	—	—	1	—	—	—	—	1
Haemophylia .. ..	—	—	1	—	1	—	—	—	—	1
Miliary Tuberculosis	—	—	—	—	—	—	—	1	—	1
Pertussis .. ..	—	—	—	—	—	—	1	—	—	1
Bronchial Pneumonia	—	—	—	—	—	—	1	—	—	1
Infantile Convulsions	1	—	—	—	1	—	—	—	—	1
Acute Bronchitis ..	—	—	—	—	—	—	1	—	—	1
Congenital Heart Disease .. ..	1	—	—	—	1	—	—	—	—	1
Respiratory Failure	—	—	—	—	—	1	—	—	—	1
Totals .. ..	15	2	2	—	19	1	3	1	—	24

## TRANSFERABLE DEATHS, 1946

	M.	F.	TOTAL
Shardlow Public Assistance Hospital .. ..	17	12	29
Nottingham General Hospital .. ..	17	13	30
Nottingham Children's Hospital .. ..	2	1	3
Nottingham Women's Hospital .. ..	2	2	4
Derbyshire Royal Infirmary .. ..	5	3	8
Derby Women's Hospital .. ..	4	6	10
Derby County Mental Hospital .. ..	4	1	5
Nightingale Maternity Home, Derby .. ..	1	2	3
Hospital for Sick Children, Derby .. ..	—	2	2
Various Towns .. ..	5	7	12
	57	49	106



3.—NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1946.

TABLE II.

Notifiable Disease.	At all ages.	Number of Cases Notified.													Cases admitted Hospital		
		Udr.	At all Ages—Years.														
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 up'd	Age un-known			
Small-pox	..	Nil															
Scarlet Fever	..	26															25
Diphtheria	..	12															11
Typhoid	..	Nil															
Puerperal Pyrexia	..	Nil															
Pneumonia	..	32	2	2	1	1	2	5	1	6	3	6	2	1			1
Erysipelas	..	7								2	3		1	1			1
Dysentery	..	Nil															
Encephalitis Lethargica	..	Nil															
Ophthalmia Neonatorum	..	Nil															
Anterior Poliomyelitis	1								1								
Cerebro Spinal Fever	2						1				1						1
Malaria	..	Nil															2
Whooping Cough	..	68	5	14	9	10	11	17	1	1							
Measles	..	48	4	3	17	8	4	8	2	1				1			
Other Diseases notifiable locally :—																	
Chicken-pox	..	169	4	16	16	12	8	91	12	4	5			1			
Totals	..	365	15	35	44	32	25	135	27	12	18	8	7	3	4		40
			Deaths														
			Pneumonia—8										Whooping Cough—1				

### TUBERCULOSIS.

Number of Cases on Register, January, 1946	.. ..	261
„ „ notified during 1946	.. ..	28
„ „ removed from Register	( Recovered 7 Deaths 12 Left District 6 )	25
„ „ on Register, December 31st, 1946	.. ..	264

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	1				1			
1 and under 5								
5 „ 10	1		3	1			1	
10 „ 15					1			
15 „ 20		2		1				
20 „ 25								
25 „ 35	5	2			1			
35 „ 45	2	2	1			1	1	
45 „ 55	3				3	1		
55 „ 65	1	1				1		
65 and upward	1	1				1		
Totals .....	14	8	4	2	6	4	2	

Seven Pulmonary cases received Sanatorium treatment in the Derbyshire Sanatorium.

One non-Pulmonary case also received treatment at the Bretby Orthopaedic Hospital.

Thirty-two specimens of Sputum were submitted to the County Laboratory for Bacteriological examination. Three results proved positive and twenty-nine negative.

## DIPHTHERIA IMMUNISATION

The following figures are based on an amended child population figure at mid-1946.

41.67% of the children under five years of age and 60.10% of those between five and fifteen had received a complete course of Immunisation at 31st December, 1946. This gives a percentage of 56.96 of the total child population.

## SCABIES

During the year 59 adults and 42 children received treatment at the Slipper Baths, Station Road. Personal clothing was disinfected in each case and where necessary bedding and rooms were also disinfected.

## LABORATORY

The total number of specimens from Long Eaton examined at the County Laboratory is given below :—

Enterica :—						Positive	Negative	Total
Typhoid, Para-typhoid A & B .. .. .						—	2	2
Gaertner, Dysentery, etc. .. .. .						—	1	1
Diphtheria .. .. .						14	96	110
Vincent's Angina .. .. .						8	52	60
Phthisis .. .. .						3	29	32
Milks :—								
T.B. Inoculations, Routine Samples ..						2	41	43
T.B. Inoculations, sent by Ministry of Agriculture .. .. .						—	—	—
* Methylene Blue Test, Routine Samples						21	38	59
* Bacterial Count, do. .. .. .						—	1	1
* Bacillus Coli, do. .. .. .						23	32	55
* Waters .. .. .						4	24	28
Miscellaneous .. .. .						—	16	16
TOTALS ..						75	332	407

\* Positive—Unsatisfactory      Negative—Satisfactory

**WATER SUPPLY.**

Your Surveyor and Engineer has kindly supplied the following information relating to Water Supply and Rain Fall:

Gallons pumped at Stanton-by-Bridge Pumping Station, Jan. 1st to Dec. 31st, 1946	..	106,287,500
Gallons obtained from Nottingham Corporation Jan. 1st to Dec. 31st, 1946	..	376,000
Supplied from the Derwent Valley Water Board, Jan. 1st to Dec. 31st, 1946	.. ..	188,572,900
Total for the District	.. .. .	295,236,400

The mains throughout the town have been extended where building operations have taken place.

The water supply of the area has been satisfactory in both quality and quantity. Approximately all the population of the town was supplied from public water mains and almost all the dwelling-houses received a direct supply.

Twelve samples of water were taken during the year at source and submitted to the Derbyshire County Council for Chemical and Bacteriological examination.

The results of all the samples submitted for examination were satisfactory.

**RAIN FALL.**

	1942	1943	1944	1945	1946
The Rain Fall (Stanton-by Bridge Pumping Station)	23·43	21·56	25·38	22·93	29·65
The Rain Fall (Town Hall, Long Eaton)	.. 21·71	20·05	26·28	23·08	27·48

## HOUSING.

**No. of New Houses erected during the year.**

(i) By the Local Authority	..	..	..	33
(ii) By other Local Authorities	..	..	..	Nil
(iii) By other bodies or persons	..	..	.	22

**1. Inspection of Dwelling-houses during the Year.**

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	..	..	..	364
	(b)	Number of inspections made for the purpose				792
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	..	..	..	5
	(b)	Number of inspections made for the purpose				13
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	..	..	..	Nil
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	..	..	..	194

**2. Remedy of Defects during the Year without Service of Formal Notices.**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	..	..	..	..	..	216
---	----	----	----	----	----	-----

**3. Action under Statutory Powers during the Year.**

(A) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—	
--	--

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs ..	9
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	By Owners .. .. .	2
(b)	By Local Authorities in default of Owners	0
(B)	Proceedings under Public Health Acts :—	
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. .	16
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By Owners .. .. .	8
(b)	By Local Authority in default of Owners	3
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made .. ..	0
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders .. ..	0
(3)	Number of houses demolished in anticipation of formal procedure under the Housing Act, 1936	0
(D)	Proceedings under Section 12 of the Housing Act, 1936 :—	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. .	0
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .	0
(3)	Number of houses closed in anticipation of formal procedure under the Housing Acts .. ..	0

## REPORT OF THE SANITARY INSPECTOR FOR 1946

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TO THE CHAIRMAN AND MEMBERS OF THE LONG EATON URBAN  
DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present my third annual report as Sanitary Inspector.

### **Housing**

In order to assist the Housing Committee to formulate its building programme a postal survey was carried out with a view to ascertaining the number of houses required and it was found that 1,000 houses were needed to enable each family to have a house, which should be the standard attained.

### **Floods**

The most disastrous flooding occurred in the early part of 1946, nearly 2,000 houses were flooded, in some cases to a height above the mantelpiece.

After the water subsided there was an immediate demand for disinfectant, soap and coal. Disinfectant was distributed to every house in the flood area and 2lbs. of soap to each house where water had been above the floor level. 30cwts. 42lbs. being distributed in all.

Bedding and furniture was dried on request and the Fuel Overseer arranged for the extra ration of 5cwts. of coal to be made available to persons requiring it.

During the flood, assistance was given in the distribution of food, the running of a ferry service and in taking people to the British Restaurant for a hot meal.

A copy of the Surveyor's Report on the flood is to be found on page 30 of this report.

The manner in which tradesmen, the members of the forces and the general public readily endeavoured to render all possible



assistance and the fortitude of the victims, many of whom at a late stage in life, suffered grievous financial loss, could not fail to arouse admiration.

Unless a person has had actual experience in a flood it is impossible for them to visualise the heartbreaking scenes which occur.

Unfortunately this disastrous flood was followed by a more severe one at the beginning of 1947.

### **Administration**

From an administrative point of view the high cost of housing repairs together with the difficulties in obtaining materials and labour have all tended to slow down progress. Even where owners are quite prepared to carry out repairs the work is held up owing to these shortages and much time is spent contacting builders with a view to expediting the completion of essential work.

### **Conversion of Trough Closets**

The progress, as will be seen from the table in the report, has been steady in spite of building difficulties.

### **Staff Changes**

Mrs. England, the Acting Senior Clerk, decided to devote the whole of her time to domestic duties on the return of Mr. White, the Junior Clerk, from the Forces. Mr. White took over the duties of Senior Clerk.

### **Salvage**

It is pleasing to note that the salvage figures have increased, but it has been an effort to achieve this.

A bonus system was introduced for the tip men to encourage them to salvage as much as possible as it was realised that people were putting salvage into the dust bins. The target is based on the war-time recoveries from the tip and the men are paid a bonus on all bottles, jars, paper and textiles, recovered in excess of the target.

The result has been that the value of salvage recovered from the tip, has, in addition to paying the two men a bonus of over £1 per

week each, paid their wages and left approximately £11 income per month.

The normal collection of salvage in the trailers has not, of course, been included in this amount ; it is only the contents of the dust bins.

### **Long Eaton Act**

During the year the Long Eaton Act was promoted and became law. This Act contains many useful sections which in normal times will be of great assistance to us in dealing with matters which, it is felt, are not adequately covered by general legislation.

I have to record again my appreciation of the work of the staff, especially the Acting Junior Clerk, upon whom much more responsibility was placed when the Acting Senior Clerk left. The Council recognised her efforts in unhesitatingly promoting her to the post of Acting Senior Clerk when Mr. White was appointed Additional Sanitary Inspector in 1947.

I am indebted to the Members of the Council and the other Officials for their ready assistance at all times.

I am, Gentlemen,

Your obedient servant,

THOMAS W. WALTON,

SEPTEMBER, 1947.

*Sanitary Inspector.*

### INFECTIOUS DISEASE AND DISINFECTION.

Number of visits to premises re cases of infectious disease and disinfection .. .. .	142
Number of School Notices to Day Schools .. .. .	32
"    "    "    County M.O.H. .. .. .	32
Notices to Libraries .. .. .	26
Number of rooms disinfected after infectious disease .. .. .	86
"    "    "    "    for scabies .. .. .	—
"    preinises "    "    for vermin .. .. .	16
"    articles of bedding and other articles disinfected by steam .. .. .	344
"    instances in which bedding, etc., has been destroyed upon request after disease, etc. .. .. .	22
"    Library Books disinfected after infectious disease .. .. .	60
Disinfectant supplied to Education Authorities .. .. .	19 galls.

### MEADOW LANE ISOLATION HOSPITAL (SMALLPOX).

No cases were admitted during the year.

### FOOD AND DRUGS ACT, 1938

The administration of the above Act is carried out by the Derbyshire County Council.

Mr. W. R. Sutton, F.I.C., County Analyst, has kindly supplied the following information :

82 samples were taken under the above Act during the year. Of these, 19 were milk samples and the remaining 63, other foods and drugs.

Of the milk samples one contained a small amount of added water. The vendor was cautioned.

The remaining samples were all satisfactory.

### MILK (SPECIAL DESIGNATIONS) ORDER, 1936

The following annual Licences were granted under the above Order. Description of Licencees :—

Dealer's Licence to sell milk as "Tuberculin Tested" .. .. .	3
(a) Pasteurising Establishments .. .. .	2
(b) * Shops and Dealers .. .. .	1
(* For 10 shops belonging to one dealer)	
Supplementary Licence to sell milk as "Accredited" .. .. .	1

## THE BACTERIOLOGICAL EXAMINATION OF MILK.

One hundred and three samples of milk were submitted to the Derbyshire County Council's Laboratory for examination during the year.

These included 48 samples of milk which were pasteurised within the area.

The results of the examination of all the samples are shown in the table below :—

### MILK PRODUCED IN LONG EATON.

No. of Samples	METHYLENE BLUE		BACILLUS COLI.		TUBERCLE BACILLI	
	Satis.	Unsatis.	Satis.	Unsatis.	Positive	Negative
22	15	7	12	10	1	17
Accredited						
2	1	1	1	1	—	1

### MILK PRODUCED OUTSIDE THE URBAN DISTRICT

17	9	8	9	8	1	11
Accredited						
2	2	—	2	—	—	2
Tuberculin						
Tested						
3	3	—	3	—	—	3

### MILK PASTEURISED IN LONG EATON

No. of Samples	METHYLENE BLUE		PHOSPHATASE TEST	
	Satis.	Unsatis.	Satis.	Unsatis.
48	44	—	42	6

The Methylene Blue Test could not be carried out in four instances owing to the shade temperature exceeding 65°F.

### HEAT TREATED MILK PRODUCED OUTSIDE THE URBAN DISTRICT

No. of Samples	METHYLENE BLUE		PHOSPHATASE TEST		TUBERCLE BACILLI	
	Satis.	Unsatis.	Satis.	Unsatis.	Positive	Negative
9	5	1	9	—	—	3

The County Medical Officer was notified with regard to the tuberculous samples and as a result four cows were found to be affected with tuberculosis and were slaughtered under the Tuberculosis Order, 1938.

In eight instances the Guinea Pig died too soon for definite results to be obtained.

## COWSHEDS AND DAIRIES.

Cowkeepers registered	..	..	..	..	12
Cowsheds	..	..	..	..	29
Inspections	..	..	..	..	210
Informal Notices	..	..	..	..	34
Limewashing and cleansing	..	..	..	..	30
Cowsheds re-conditioned	..	.	..	..	—

At 31st December, 1946, there were eight producers of Accredited Milk in the Urban District.

## FOOD STORES AND MARKETS

The following unsound food was surrendered from these premises :—

Canned Meat	..	..	..	95 tins
„ Fish	..	..	..	254 „
„ Milk	..	..	..	471 „
„ Veg., Fruit and Jam	..	..	..	432 „
„ Soup	..	..	..	18 „
„ Soya Cream	..	..	..	5 „
Kippers	..	..	..	57 pairs
Mackerel	..	..	..	294 lbs.
Smoked Fillet	..	..	..	245 „
Milts	..	..	..	36 „
Cat Fillet	..	..	..	56 „
Sausage	..	..	..	84 „
Meat Pies	..	..	..	100
Ham	..	..	..	16 lbs.
Bread	..	..	..	1176 „
Cake and Pudding Mixture	..	..	..	52 „
Apples	..	..	..	1075 „
Prunes	..	..	..	117 „
Tomatoes	..	..	..	702 „
Bovril	..	..	..	1 jar
Beetroot	..	..	..	5 „
Onions	..	..	..	1 „
Pickles	..	..	..	5 „
Chocolate	..	..	..	1½ lbs.

### BAKEHOUSES

Number on Register	..	..	..	13
Number of Inspections	..	..	..	33
Informal Notices served	..	..	..	8
Nuisances abated	..	..	..	8

### WATERCOURSES

Watercourses in the town received attention only when urgent defects arose, owing to lack of labour.

### INSPECTION OF CANAL BOATS.

Number of Boats inspected during 1946..	..	..	..	4
„ „ conforming to the Acts and Regulations	..	..	..	0
„ „ infringing the Acts and Regulations	..	..	..	4
Details of Infringements :—				
Certificates not produced (used as Day Boats only)	..	..	..	2
Defective cabin roofs and water cans	..	..	..	2
Total number for which the cabins were registered	..	..	..	9
„ „ occupying the cabins	..	..	..	3
Details of occupants :—				
Male adults	..	..	..	1
Female adults	..	..	..	1
Children of school age	..	..	..	1
Children under school age	..	..	..	0

### PETROLEUM ACTS.

Number of Premises licensed for the storage of Petroleum and inflammable mixtures :

	January, 1946	..	..	31
	December, 1946	..	..	34
„ „ „	Carbide of Calcium	..	..	2
Total storage capacity for Petrol is	..	..	..	23,525 galls.
„ „ Carbide	..	..	..	30cwts 28lbs

The total amount received from Petroleum and Carbide Licenses during the year was £20 5s. 0d.

### RATS AND MICE (DESTRUCTION), ACT, 1919.

Number of Inspections .. .. . 180

The following is a summary of the premises :—

Dwelling-houses .. .. .	71
Allotments .. .. .	5
Bakehouses .. .. .	2
Factories .. .. .	2
Farm .. .. .	1
Piggeries .. .. .	1
Refuse Tip .. .. .	1
Sewage Disposal Works.. .. .	1
Shops .. .. .	3
Slaughterhouses .. .. .	1
Stables .. .. .	1

#### Treatment of Sewers

The systematic treatment of sewers was continued.

The sewers were pre-baited for two days and poison bait laid on the third day, sausage rusk and  $2\frac{1}{2}\%$  zinc phosphide being used.

According to the Ministry of Food's figures, the treatment produced a kill of 225 rats.

The treatment was carried out by Mr. Jennings and one man.



## COMPLAINTS.

Number of Complaints received	..	..	..	620
-------------------------------	----	----	----	-----

**Summary of Complaints.**

Housing defects	..	..	..	..	190
Defective and choked drainage	.	..	..	..	114
Prevalence of Rats and Mice	..	..	..	..	89
Defective W.C.'s	..	..	..	..	34
Dust-bins	..	..	..	..	57
Burst water pipes	..	..	..	..	29
Yard paving	..	..	..	..	14
Miscellaneous	..	..	..	..	137

## SANITARY INSPECTION OF THE AREA.

Particulars of Visits and Inspections are as follows :—

Bakehouses	..	..	..	..	..	33
Canal Boats	..	..	..	..	..	5
Caravans	..	..	..	..	..	118
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### LETTERS AND NOTICES ISSUED, ETC.

Number of Letters and Informal Notices .. ..	862
„ Statutory Notices served .. ..	25

### SANITARY WORK CARRIED OUT.

#### Interior of Houses.

Dirty houses improved and cleansed by tenants .. ..	8
Floors of houses re-laid or repaired .. ..	33
Walls and Ceilings repaired .. ..	31
Windows and Doors repaired .. ..	47
Fire-ranges repaired or renewed .. ..	40
Dampness remedied .. ..	20
Coppers repaired or renewed .. ..	16
Burst water pipes repaired .. ..	14
Verminous houses dealt with .. ..	16

#### Exterior of Houses.

Defective eavesgutters and downspouts repaired .. .	12
Defective Roofs repaired .. .	39

#### Yards and Outbuildings.

Yards and passages re-paved or repaired .. ..	10
Outbuildings repaired .. ..	17
Yards cleansed and offensive accumulations removed ..	2

**Drainage.**

Drains cleansed from obstruction ..	73
Defective drains repaired .. .. .	16
Sinkwaste pipes provided or repaired .. .. .	10
Inspection chambers repaired or provided with new air-tight covers .. .. .	9
Glazed sinks provided .. .. .	3

**Water Closets.**

Additional W.C's provided .. .. .	3
Trough closets converted to W.C.'s .. .. .	22
Dirty W.C.'s cleansed .. .. .	7
Water Closets cleansed or repaired .. .. .	31
„ „ provided with new basins and traps ..	19
Defective water supply to W.C.'s remedied .. ..	25

**Dust Bins.**

Houses provided with new sanitary dust bins .. ..	296
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**Various.**

Nuisances from burning of refuse .. .. .	3
Nuisances from improper keeping of animals .. ..	5
Accumulations of manure and refuse removed .. ..	1
Samples of water submitted to the County Analyst for Chemical examination .. .. .	2
Cases of overcrowding dealt with .. .. .	2
Smoke nuisances dealt with from factory chimneys ..	8
Miscellaneous nuisances dealt with .. .. .	59

**CONVERSION OF TROUGH CLOSETS**

A table is submitted showing progress made with the conversion of trough closets. It is to be regretted that labour and material difficulties are holding up the necessary work, as all owners, up to date, appear to favour the changes. In spite of these difficulties steady progress was made.

Factory	No. of Trough Closets 1945	No. abolished and W.C.'s substituted	Remarks	No. remaining April, 1947
A	7	7	—	—
B	3	3	—	—
C	12	12	—	—
D	31	10	Ten converted to W.C.'s as a trial to see if used properly.	21
E	16	—	Owners agree in principle and will reconsider matter in 12 months. Owners again approached.	16
F	23	9	—	14
G	22	—	Scheme in progress.	22
H	8	—	Order placed with Builder.	8
I	4	—	Alterations pending — other W.C.'s available.	4
J	9	9	—	—
K	9	—	Extensive alterations in view.	9
L	3	—	Firm has converted troughs at one factory and have asked Builder to prepare scheme.	3
M	4	—	Owner to reconsider scheme in 12 months.	4
N	3	3	—	—
O	3	—	Order placed.	3
School	16	—	Owners pressed to carry out conversions—handing school over to Education Authority.	16

### PUBLIC CLEANSING SERVICE

During the year ending 31st March, 1947, the sale of Soil realised £4 6s. 0d ; the charges for tipping, £26 15s. 6d. ; the removal of trade refuse, £112 13s. 9d., and the value of materials salvaged (as shown in table below) was £2,566 4s. 8½d.

The Cleansing Department also disposes of refuse free of cost from the Markets, Cemetery and other Departments of the Council. No less than 728 loads from these sources were dealt with.

Temporary accommodation was provided for the debris from air raid shelters and whilst this has had a detrimental effect on the appearance of the tip, preventing the proper completion and has undoubtedly been an eyesore, it has enabled the Surveyor to utilise and sell hundreds of loads of the material.

The number of premises from which regular collection of refuse was made was 8,580.

During the year great difficulty was experienced in obtaining dust bins. This is unfortunate as dilapidated bins cause spillage in the yards and on footpaths, necessitating extra work in clearing up the mess. 146 sanitary dust bins were supplied to replace bins which became unfit for use. £127 9s. 0d. was received from the sale of the bins.

By arrangement with the Beeston and Stapleford U.D.C., your Council collects and disposes of refuse from 15 houses in that district at an annual charge of £9 7s. 6d.

The Shardlow R.D.C. collect nightsoil and house refuse from two cottages and a house near Sandiacre Lock and a Bungalow, Longmoor Road, at a cost of £1 per house, per annum.

The following table shows the quantity of salvage collected and is in accordance with the monthly returns made to the Ministry of Supply :—

MATERIALS	WEIGHT			AMOUNT		
	Tons	cwts.	lbs.	£	s.	d.
Waste Paper (all kinds) ..	195	10	51	1309	12	1½
Non-ferrous metals.. ..		18	56	16	3	9
Textiles .. ..	21	10	4	198	13	5
Bones .. ..	1	13	0	9	4	2
Bottles and Jars .. ..	37	9	0	461	3	7
Miscellaneous .. ..	—	—	—	16	17	8
Kitchen Waste .. ..	243	16	56	366	9	9
	500	17	55	£2378	4	5½
Bonus earned for :—						
Waste Paper .. ..				66	2	0
Kitchen Waste .. ..				121	18	3
Totals ..	500	17	55	£2566	4	8½

**Concentrated Kitchen Waste.**

Amount sold April, 1946—March, 1947, 120 tons 5 cwts.

This was purchased from Nottingham Corporation at a cost of £460 16s. 1d., and the amount received from the sale was £536 18s. 3d.

**THE TOTAL COST OF COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE**  
**(including Cesspools) for the Year ending 31st March, 1947.**

	House and Trade Refuse		Salvage	Kitchen Waste	Nightsoil and Cesspools	Total
	Collection	Disposal				
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Wages ..	3025 1 10	681 11 3	969 5 6	302 11 5½	45 11 4	5024 1 4½
Holiday and Sick Pay ..	245 19 1	55 8 3	78 16 3	24 12 7	3 13 10	408 10 0
Superannuation ..	96 3 0	21 13 3	30 16 2	9 12 4½	1 8 11	159 13 8½
Taxes and Insurances ..	121 13 6	27 8 3	38 19 9	12 3 5	1 16 8	202 1 7
Motor Transport ..	574 8 8	129 8 5	184 1 2	57 9 1	8 13 1	954 0 5
New Tipping Lorry ..	340 17 6	76 16 0	109 4 5	34 1 11	5 2 8	566 2 6
Materials and Repairs ..	79 4 0	17 16 11	63 11 9	11 7 0	—	171 19 8
War Service Allowances ..	17 14 7	3 19 11	—	—	—	21 14 6
Con. Kitchen Waste, etc. ..	—	—	—	480 7 10	—	480 7 10
Dustbins ..	100 19 7	—	—	—	—	100 19 7
Use of Bulldozer on tip ..	—	150 15 0	—	—	—	150 15 0
<b>Gross Expenditure</b> ..	4602 1 9	1164 17 3	1474 15 0	932 5 8	66 6 6	8240 6 2
<b>Income</b> ..	314 5 3	10 10 10	2088 9 9	1025 1 8	2 3 4	3440 10 10
<b>Total Net Cost</b> ..	4287 16 3	1154 6 5	—	—	64 3 2	4799 15 4
<b>Surplus</b> ..	—	—	613 14 9	92 16 0	—	—



**HOUSE AND TRADE REFUSE.**  
**TABLE SHOWING COSTS FOR THE YEAR ENDED 31st MARCH, 1947.**

Item. 1	Particulars 2	I. COLLECTION 3			II. DISPOSAL. 4			III. TOTAL 5		
		£	s.	d.	£	s.	d.	£	s.	d.
<b>REVENUE ACCOUNT.</b>										
A	Gross Expenditure	..	..	..	..	..	..	5766	19	0
B	Gross Income	..	..	..	..	..	..	324	16	1
C	Net Cost	..	..	..	..	..	..	5442	2	11
<b>UNIT COSTS.</b>										
D	Gross Expenditure per ton	..	..	..	..	..	..	0	16	6 <sup>3</sup> / <sub>4</sub>
E	Gross Income per ton	..	..	..	..	..	..	..	..	11
F	Net cost per ton	..	..	..	..	..	..	15	7 <sup>3</sup> / <sub>4</sub>	..
G	Net cost per 1000 population	..	..	..	..	..	..	200	3	0 <sup>3</sup> / <sub>4</sub>
H	Net cost per head	..	..	..	..	..	..	4	0	..
I	Net cost per 1000 houses or premises from which refuse is collected	..	..	..	..	..	..	634	5	8
J	Net cost per house	..	..	..	..	..	..	12	8 <sup>1</sup> / <sub>4</sub>	..
<b>RATE POUNDAGE.</b>										
K	Net cost, equivalent rate in the £	..	..	..	..	..	..	8.077d.	..	..
L	Percentage of K to total rates in the £	..	..	..	..	..	..	4.64%	..	..

**Note.**—Expenditure and income *per* Salvage and Kitchen Waste not included in above.

The total quantity of refuse collected for the year ending March 31st, 1947, was 6,953 tons.

Per 1000 population per annum (365 days)	..	..	257 tons
„ 1000 „ „ day	..	..	14.08 cwts.
„ head per annum (365 days)	..	..	5.14 cwts.
„ house per annum (including business premises)	..	..	16.2 cwts.

Estimated Population 27,190.

Area of District, 3,557 acres.

No. of houses and premises, 8,580.

Average No. of houses scavenged per ton, 70.

Method of Disposal: Controlled tipping 100%

Average haul to point of disposal, 2 $\frac{1}{4}$  miles.

Number of Employees, including Foreman, 20.

## LONG EATON URBAN DISTRICT COUNCIL.

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TOWN HALL,

LONG EATON.

12TH FEBRUARY, 1946.

TO THE CHAIRMAN AND MEMBERS OF THE LONG EATON URBAN DISTRICT COUNCIL.

GENTLEMEN,

### Flooding—8th to 12th February, 1946

You will appreciate that the flooding was caused not so much by the rainfall in Long Eaton (only 2.41 inches in the previous nine days) as the abnormal rainfall in the higher reaches, where over nine inches was recorded.

The flooding commenced on the evening of Friday the 8th instant, gradually getting worse until the peak was reached at about 9 p.m. on Saturday the 9th instant, gradually receding on Sunday, and by Monday had dropped about fifteen inches. This was continued until Tuesday when Tamworth Road was clear with the exception of No. 9 Bridge and a small amount in some side streets.

The area north of Nottingham Road, Station Road, West Gate, the Market Area and Derby Road, was entirely clear of any flooding.

This, to my mind, clearly proves the efficiency of the work carried out by the River Trent Catchment Board in the Toton siding area.

The River Erewash rose about three feet in this position and was confined to its natural course, not overflowing on to the wash lands as in previous floods.

Tamworth Road was flooded from half way between Beaconsfield Street and Salisbury Street right through to Old Sawley with few exceptions, and all side roads branching therefrom. In Wilsthorpe Road it reached opposite to No. 26.

The water came over Tamworth Road near Lock Lane at about 11 p.m. on the 8th instant. It was quite clear under No. 9 Bridge at 7 a.m. on Saturday, the 9th instant.

Old Sawley was flooded from the Trent Bridge, round Wilne Road, Plant Lane to the Island in Draycott Road; opposite Plant Close five inches deep.

New Tythe Street was flooded from Frederick Street down Meadow Lane to within six yards of the second Crossing beyond Barton Road, and then again past the Crossing down Meadow Lane to the Trent and side streets.

From Claves' Crossing near the Main Line, along Oakley's Road and up Main Street to the Co-operative Society's Central Grocery Store (2 ins. on floor) and side streets.

The Erewash Canal overflowed on to the Towpath and over the fields west of Tamworth Road, and the flood wall prevented a very much heavier flood in the Tamworth Road area.

Boards were placed at the Coal Wharf before the Canal overflowed. The Canal banks are in a very bad condition in places, and the Company should be requested to repair.

Very few houses in the flooded area escaped, the water entering the ground floors in some cases to a depth of 4 feet 3 inches.

The cause of the flooding was the overflowing of the River Trent and the remedy would appear to be the construction of a Flood Bank along the north side of the river through Long Eaton and Beeston.

The River Trent Catchment Board are alive to the trouble and will no doubt propound a scheme when they are able. Their Chief Engineer met me in Old Sawley on Sunday and his Department was in touch with me during the week-end.

The Farm ditches should receive further attention from the Agricultural Board and the Council will continue their practice of cleaning the main watercourses as soon as labour or machinery are again available.

Careful data has been completed showing the peak heights of the flood in various areas, and when compared with the 1932 flood these appear to be higher by several inches.

Photographs have been taken for record purposes which show the position at a glance.

Yours faithfully,

H. RAVEN,

*Engineer and Surveyor.*

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